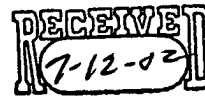


Official

7C  
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the pixel signals to different gains when the pixel signals are generated in different regions of the optical sensor.

Sub 23  
B2  
7. (AMENDED) A method of capturing an image, comprising the step of altering a gain of pixel signals through an amplifier in response predetermined regions characterization control data to compensate for a difference in response to light projected on different regions of an optical sensor.

Sub 24  
B3  
15. (AMENDED) An image capturing method, comprising the steps of:

sensing light projected on first and second regions of an optical sensor to produce first and second pixel signals;

setting a gain of an amplifier with first control data representing a first predetermined region characterization for amplifying the first pixel signal; and

altering the gain of the amplifier with second control data representing a second predetermined region characterization for amplifying the second pixel signal to equalize the responses of the first and second regions of the optical sensor to the light.

Please add the following new claim:

Sub 25  
B4  
17. (NEW) An imaging device, comprising:

an optical sensor having an output for providing pixel signals generated in response to light projected onto a plurality of regions of the optical sensor, wherein each of the plurality of regions has a corresponding control data representing a predetermined region characterization, and

an amplifier having a first input coupled for receiving the pixel signals, a first output for providing an imaging signal, and a control input coupled for receiving the corresponding

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control data to amplify the pixel signals to different gains  
according to each of their corresponding predetermined region  
characterizations.

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